

Title (en)
SELF-CENTERING CLIP AND JAW

Title (de)
SELBSTZENTRIERENDE SCHELLE UND BACKE

Title (fr)
PINCE À CENTRAGE AUTOMATIQUE ET MÂCHOIRE

Publication
EP 3130295 B1 20190220 (EN)

Application
EP 16185465 A 20110909

Priority

- US 40913110 P 20101102
- US 201113196109 A 20110802
- EP 11250754 A 20110909

Abstract (en)
[origin: EP2446838A2] An apparatus for applying surgical clips to tissue includes a handle assembly having a trigger and a shaft extending therefrom. The shaft includes at least one surgical clip therein. Each clip includes a pair of legs connected by a crossbar. Each of the pair of legs has an inwardly and an outwardly facing surface, the outwardly facing surface having a raised profile protruding therefrom and extending longitudinally therewith. A jaw assembly is disposed at a distal end of the shaft and includes first and second opposed jaws moveable between a spaced apart and an approximated position. Each jaw defines a recess extending longitudinally along opposing inner surfaces thereof. Each recess defines a longitudinally extending groove having a profile substantially complementary to the raised profile of the legs of the clips. The legs of each clip are positionable at least partially within respective grooves of the recesses of the jaws.

IPC 8 full level
A61B 17/12 (2006.01); **A61B 17/128** (2006.01); **A61B 17/068** (2006.01); **A61B 17/122** (2006.01); **A61B 17/29** (2006.01)

CPC (source: CN EP US)
A61B 17/12 (2013.01 - CN EP US); **A61B 17/128** (2013.01 - EP US); **A61B 17/1285** (2013.01 - CN EP US); **A61B 17/10** (2013.01 - US);
A61B 17/12 (2013.01 - US); **A61B 2017/0488** (2013.01 - US); **A61B 2017/12004** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2446838 A2 20120502; EP 2446838 A3 20121128; EP 2446838 B1 20161102; AU 2011211463 A1 20120517; AU 2011211463 B2 20150604;
CA 2748839 A1 20120502; CN 102462525 A 20120523; CN 102462525 B 20150812; CN 105105814 A 20151202; CN 105105814 B 20180828;
EP 3130295 A1 20170215; EP 3130295 B1 20190220; ES 2605987 T3 20170317; JP 2012096008 A 20120524; US 2012109158 A1 20120503;
US 2015190139 A1 20150709; US 9011464 B2 20150421; US 9642627 B2 20170509

DOCDB simple family (application)
EP 11250754 A 20110909; AU 2011211463 A 20110815; CA 2748839 A 20110812; CN 201110276088 A 20110908;
CN 201510419902 A 20110908; EP 16185465 A 20110909; ES 11250754 T 20110909; JP 2011184521 A 20110826;
US 201113196109 A 20110802; US 201514665623 A 20150323